ABSTRACT

The present invention provides a process for producing an N-monoalkyl-3-hydroxy-3-(2-thienyl)propanamine represented by General Formula (2):

 $\begin{array}{c}
 & H \\
 & N \\
 & R
\end{array}$ (2)

wherein R is C_{1-4} alkyl, comprising the step of reducing (Z)-N-monoalkyl-3-oxo-3-(2-thienyl)propenamine represented by General Formula (1):

wherein R is as defined above. According to the present invention, an N-monoalkyl-3-hydroxy-3-(2-thienyl)propanamine which is for use as an intermediate for various pharmaceuticals can be produced in an industrially inexpensive and easy manner.